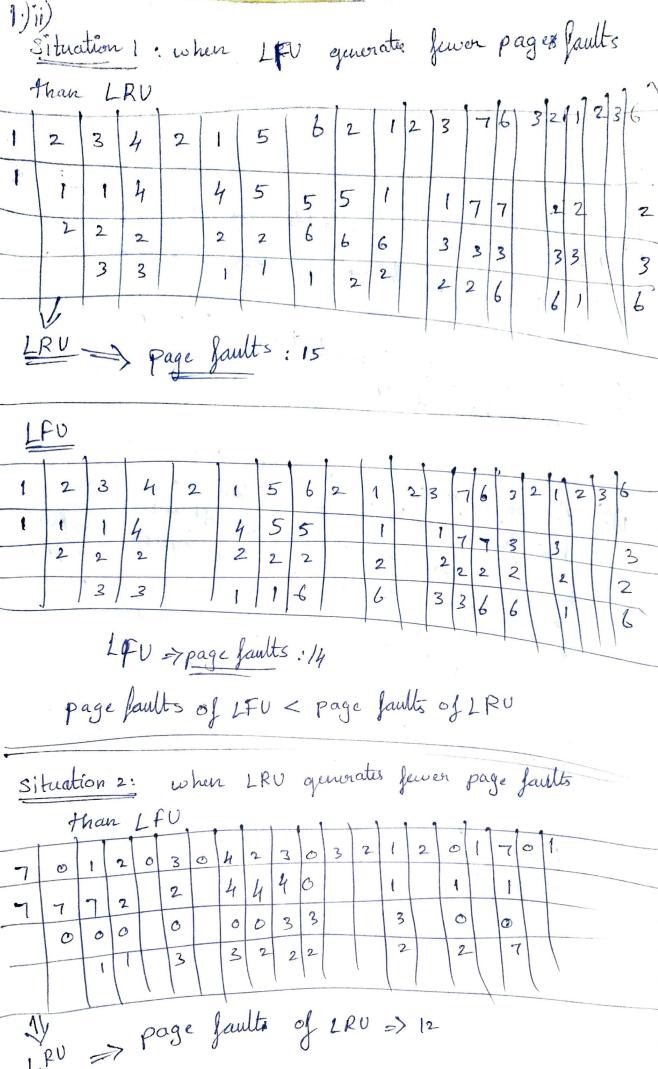
Operating Systems

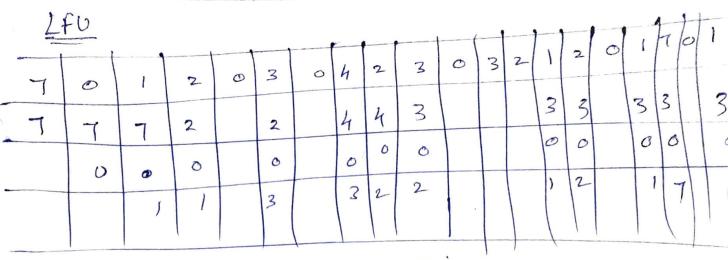
Name: K. Aafreen Benazier noll no: 19CSE001

- (1) All addresses need to be added by 250 So the addresses would be 300, 328, 400, 402, 404 respectively
 - 2) The new system's must have limit negister must have 64 bits.

1.)(i) A page fault occurs when there is no frie frame available and when an access to a page that has not been brought into main memory takes place. The operating system verifies. the memory access, aboriting the program if it is invalid. If it is valid, a free frame is located and I/O is neguested to nead the needed page into the free frame. Upon completion of I/o, the process table and page table are updated and the instruction is restanted.

state vat to what our





page faults of LFU => 13 here page fauts of LRU 2 page fauts of LFU

8m

page size = 4KB.

free framelist

before allocating base of page table -> 1000

13

11.

2

4

6

Optraling Systems

Name K. Anfrom Remorie.

214

- (1) All addresses would be 300, 328, 400, 401, 404 nes pectively
 - 2) The new system's must have limit negister must have 64 bits.

1)(i) A page fault occurs when there is no free from available and when an access to a page that has not been brought into main to a page that has not been brought into main memory takes place the operating system voising the program if it is the memory access, aboriting the program if it is the invalid. If it is valid, a free frame is invalid. If it is requisted to read the located and I/O is requisted to read the located and I/O is requisted to read the located and page into the free frame. Upon meded page into the free frame when the instruction of I/O, the process table and page table are updated and the instruction page table are updated and the instruction is justicely a supplated.